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STATISTICAL BULLETIN NO. 22 of 1962

## COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

### BUILDING OPERATIONS

SOUTH AUSTRALIA

JUNE QUARTER 1962

SCOPE This bulletin gives information about "new building" operations in South Australia; in addition to a summary for the period July 1957 to June 1962 it shows details concerning houses and flats, other buildings, employment in the industry, and dwellings in Local Government areas. The information has been compiled from returns collected from all builders of "new buildings".

DEFINITIONS NEW BUILDINGS : Additions of £5,000 and over to existing buildings (other than houses) are included, but minor additions, alterations, repairs and renovations, and all construction activity such as railways, bridges, earthworks, water storage, etc., are excluded.

VALUE : All values shown exclude the value of land and, except for Table 4, represent the value of buildings upon completion (but see also COMPLETIONS). The values shown in Table 4 represent the value of work done on new buildings during the period.

COMMENCEMENTS : A building is recorded as commenced when work on the foundations has begun.

UNDER CONSTRUCTION : Once commenced, even though work on it may have been temporarily suspended, a building is classified as "under construction" until its "completion".

COMPLETIONS : A building is regarded as having been completed when the contractor has fulfilled the terms of the contract, or in the case of an owner-built house when the dwelling is either completed or occupied (whichever occurs first). However, the value in all cases is that of the building as a finished project as planned.

COMMENTS Table 1 shows that 2,474 houses were commenced and 2,588 completed during June quarter 1962, an increase of 306 commencements and 750 completions on figures for the previous quarter. Commencements were the highest since September quarter 1960, and completions the highest ever. The previous highest number of completions was 2,566 in December quarter 1961.

More flats were commenced (186) and completed (143) than in the previous quarter, but figures were much lower than the record numbers of 270 commencements in December quarter 1959 and 283 completions in December quarter 1960.

The considerable fluctuations from period to period in the value of "new buildings other than dwellings" in Table 3 are partly the result of the unequal incidence of individual large contracts. Table 4, which shows the value of work done on the various types of new buildings during each period, is not subject to these fluctuations.

The number employed on all jobs of builders of new buildings (Table 6) on 29th June 1962 was 12,346, being 392 more than at 31st March 1962 and the highest since 29th September 1961, when 12,383 were reported as being employed.

As shown in Table 7 a large proportion of home building continues to be concentrated within a few local government areas. During the quarter ended 30th June last 1,028 (81.7 per cent) of dwellings completed in metropolitan local government areas were in the Municipal Corporations of Campbelltown, Enfield, Henley & Grange, Marion, Mitcham, West Torrens, and Woodville. Of dwellings completed outside the metropolitan area 68.2 per cent were in the near metropolitan District Councils of Munno Para, Noarlunga, Salisbury, and Tea Tree Gully; completions in the Whyalla City Commission area accounted for a further 6.6 per cent.

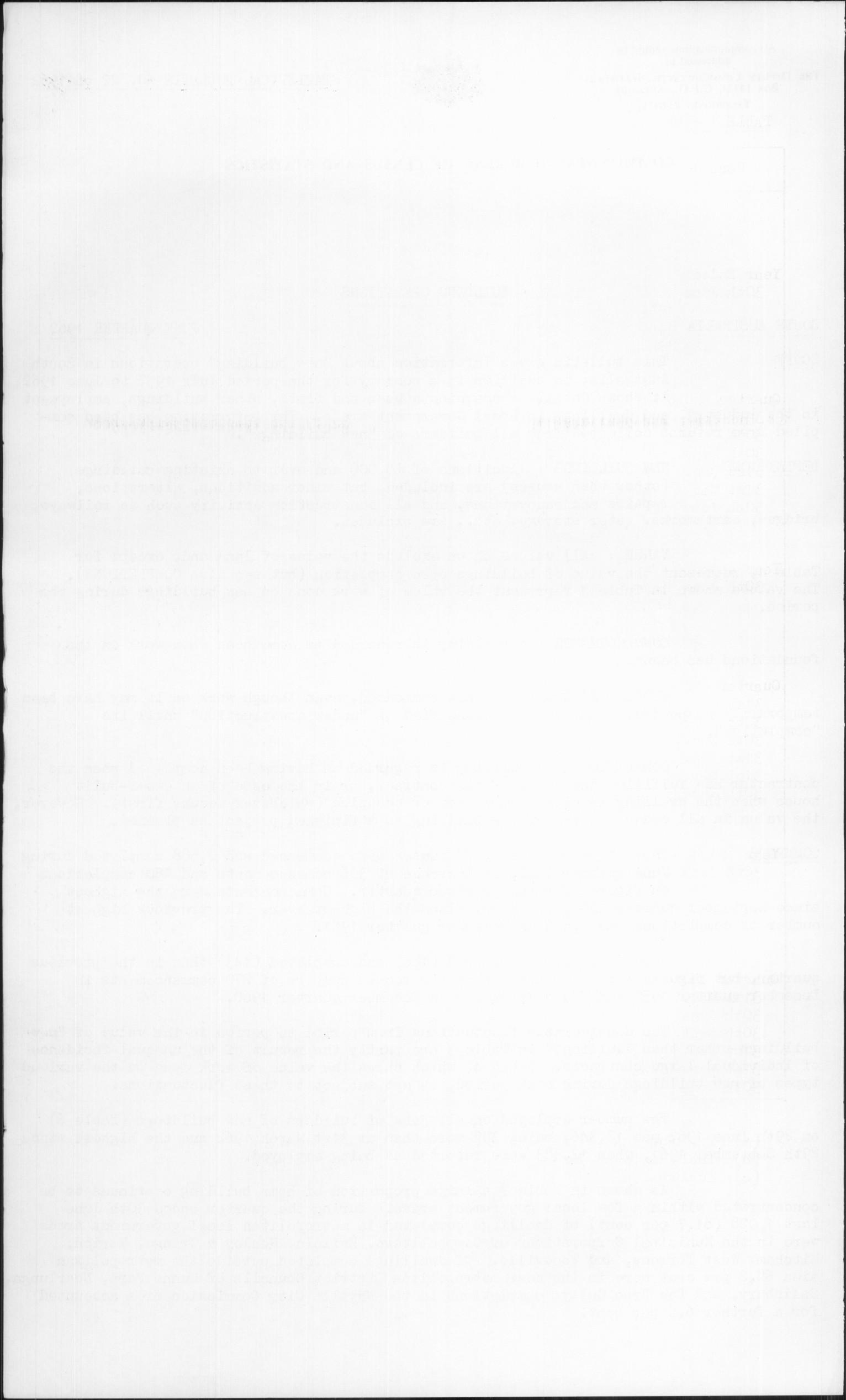


TABLE 1 - NEW BUILDINGS COMMENCED, COMPLETED, AND UNDER CONSTRUCTION : SOUTH AUSTRALIA

Period	Houses (a)		Flats (a)(b)		Total Dwellings (a)		Other New Buildings (c)	Total New Buildings		
	No.	£'000	No.	£'000	No.	£'000				
COMMENCED DURING PERIOD										
<i>Year Ended -</i>										
30th June 1958	6,951	22,497	499	1,084	7,450	23,581	12,078	35,659		
1959	8,125	26,043	751	1,836	8,876	27,879	14,859	42,738		
1960	8,909	29,784	816	2,066	9,725	31,850	17,618	49,468		
1961	9,268	30,890	571	1,466	9,839	32,356	25,567	57,923		
1962	8,729	29,140	605	1,668	9,334	30,808	20,938	51,746		
<i>Quarter ended -</i>										
31st Mar. 1961	2,067	6,865	114	266	2,181	7,131	4,893	12,024		
30th June	2,286	7,516	113	237	2,399	7,753	8,144	15,897		
30th Sept.	2,349	7,928	155	329	2,504	8,257	4,793	13,050		
31st Dec.	1,738	5,813	181	514	1,919	6,327	3,752	10,079		
31st Mar. 1962	2,168	7,226	83	215	2,251	7,441	7,329	14,770		
30th June	2,474	8,173	186	610	2,660	8,783	5,064	13,847		
COMPLETED DURING PERIOD										
<i>Year ended -</i>										
30th June 1958	7,606	24,703	372	870	7,978	25,573	12,474	38,047		
1959	8,143	26,260	640	1,558	8,803	27,818	16,576	44,394		
1960	8,976	29,671	603	1,385	9,579	31,056	16,584	47,640		
1961	9,376	31,988	887	2,462	10,263	34,450	19,416	53,866		
1962	9,136	30,679	593	1,380	9,729	32,059	20,256	52,315		
<i>Quarter ended -</i>										
31st Mar. 1961	2,076	7,216	155	404	2,231	7,620	4,753	12,373		
30th June	2,333	7,888	230	698	2,563	8,586	4,749	13,335		
30th Sept.	2,144	7,229	181	442	2,325	7,671	3,734	11,405		
31st Dec.	2,566	8,693	143	318	2,709	9,011	5,668	14,679		
31st Mar. 1962	1,838	6,242	126	284	1,964	6,526	5,186	11,712		
30th June	2,588	8,515	143	336	2,731	8,851	5,668	14,519		
UNDER CONSTRUCTION AT END OF PERIOD										
<i>Year ended -</i>										
30th June 1958	5,199	16,534	311	661	5,510	17,195	18,142	35,337		
1959	5,181	16,717	422	978	5,603	17,695	16,409	34,104		
1960	5,114	17,110	635	1,684	5,749	18,794	18,028	36,822		
1961	5,006	16,441	319	728	5,325	17,169	24,558	41,727		
1962	4,599	15,181	331	1,082	4,930	16,263	25,245	41,508		
<i>Quarter ended -</i>										
31st Mar. 1961	5,053	16,703	436	1,179	5,489	17,882	20,994	38,876		
30th June	5,006	16,441	319	728	5,325	17,169	24,558	41,727		
30th Sept.	5,211	17,212	293	616	5,504	17,828	25,611	43,439		
31st Dec.	4,383	14,300	331	808	4,714	15,108	23,758	38,866		
31st Mar. 1962	4,713	15,440	288	776	5,001	16,216	25,885	42,101		
30th June	4,599	15,181	331	1,082	4,930	16,263	25,245	41,508		

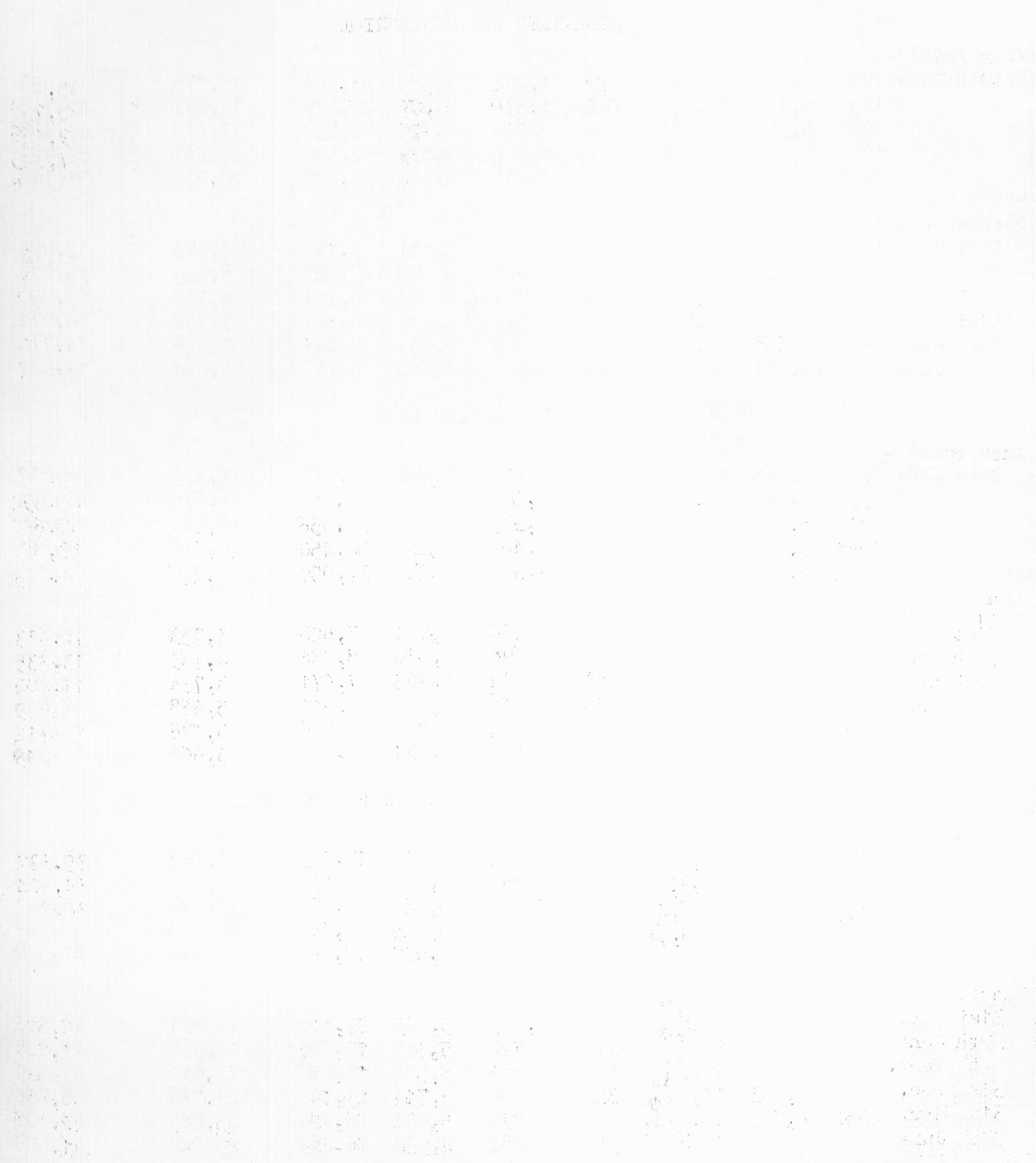
(a) Excludes dwellings attached to "other new buildings".

(b) Includes "Home Units".

(c) Includes value of attached dwellings.

DIAGRAM 1000 OF MOUNTAINS AND HILLS IN THE STATE OF CALIFORNIA  
IT SHOWS THE WELL TESTED LINES OF THE STATE AND THE  
(5) DISTANCES AND DIRECTIONS.

CONT.



The following table gives the distances between the points marked on the map, and the number of miles between them.

TABLE 2 - NEW HOUSES: CONTRACT-BUILT AND OWNER-BUILT, SOUTH AUSTRALIA

Period	Contract-Built				Owner-Built				(a)
	Brick, Stone, etc.		Other (b)		Brick, Stone, etc.		Other (b)		
	No.	£'000	No.	£'000	No.	£'000	No.	£'000	
COMMENCED DURING PERIOD									
<b>Year ended -</b>									
30th June 1958	4,694	15,539	829	2,208	1,149	4,060	279	690	
1959	5,780	19,018	1,093	2,918	1,016	3,565	236	542	
1960	7,012	23,949	1,020	2,762	717	2,679	160	394	
1961	7,574	25,498	874	2,465	672	2,579	148	348	
1962	7,518	25,251	623	1,752	488	1,920	105	217	
<b>Quarter ended -</b>									
31st Mar. 1961	1,664	5,586	170	502	181	669	52	108	
30th June	1,879	6,251	251	707	128	484	28	74	
30th Sept.	2,022	6,857	170	488	133	533	24	50	
31st Dec.	1,416	4,821	158	431	126	483	38	78	
31st Mar. 1962	1,853	6,227	171	471	120	481	24	47	
30th June	2,222	7,346	124	362	109	423	19	42	
COMPLETED DURING PERIOD									
<b>Year ended -</b>									
30th June 1958	4,750	15,707	983	2,597	1,523	5,516	350	883	
1959	5,515	17,968	937	2,515	1,388	5,036	303	741	
1960	6,582	22,222	1,132	3,068	1,043	3,829	219	552	
1961	7,486	25,788	823	2,333	902	3,457	165	410	
1962	7,526	25,540	776	2,157	683	2,642	151	340	
<b>Quarter ended -</b>									
31st Mar. 1961	1,631	5,719	188	543	218	859	39	95	
30th June	1,957	6,632	151	444	191	732	34	80	
30th Sept.	1,747	5,995	213	587	140	543	44	104	
31st Dec.	2,086	7,141	198	540	233	908	49	104	
31st Mar. 1962	1,478	5,070	168	473	165	636	27	63	
30th June	2,215	7,334	197	557	145	555	31	69	
UNDER CONSTRUCTION AT END OF PERIOD									
<b>Year ended -</b>									
30th June 1958	3,080	9,676	228	641	1,623	5,546	268	671	
1959	3,345	10,832	384	1,048	1,251	4,335	201	502	
1960	3,775	12,667	272	754	925	3,332	142	357	
1961	3,863	12,689	323	897	695	2,549	125	306	
1962	3,850	12,686	170	476	500	1,830	79	189	
<b>Quarter ended -</b>									
31st Mar. 1961	3,941	12,968	223	635	758	2,788	131	312	
30th June	3,863	12,689	323	897	695	2,549	125	306	
30th Sept.	4,138	13,627	280	796	688	2,535	105	254	
31st Dec.	3,468	11,279	240	682	581	2,110	94	229	
31st Mar. 1962	3,843	12,588	243	674	536	1,962	91	216	
30th June	3,850	12,686	170	476	500	1,830	79	189	

(a) An "owner-built" house is one actually erected or being erected by the owner or under the owner's direction by sub-contract or day-labour but without the services of a contractor who is responsible for the whole job.

(b) "Other" houses are mainly of fibro-cement or weatherboard construction, e.g. included in the 927 "other" type houses completed during 1961/2 (776 contract-built and 151 owner-built) 817 were of fibro-cement construction valued at £2,185,000, and 106 weatherboard with a value of £303,000. During June quarter 1962 there were 191 (£524,000) fibro-cement and 36 (£100,000) weatherboard houses completed.

#### Conclusions

TABLE 3 - NEW BUILDINGS OTHER THAN DWELLINGS : VALUE (a), SOUTH AUSTRALIA

Type of Building	Year Ended		Quarter Ended					
	30th June 1961	30th June 1962	31st Mar. 1961	30th June 1961	30th Sept. 1961	31st Dec. 1961	31st Mar. 1962	30th June 1962
COMMENCED DURING PERIOD (£'000)								
Business Premises -								
Hotels etc. & Shops	4,817	3,437	565	512	1,295	328	799	1,015
Factories	3,808	4,407	1,188	826	643	435	2,372	957
Other (b)	6,629	4,090	730	3,233	1,054	863	876	1,297
Educational & Health	7,478	6,842	1,742	3,147	1,317	1,549	2,727	1,249
All Other (c)	2,835	2,162	668	426	484	577	555	546
Total	25,567	20,938	4,893	8,144	4,793	3,752	7,329	5,064
COMPLETED DURING PERIOD (£'000)								
Business Premises -								
Hotels etc. & Shops	2,801	2,192	626	510	292	1,063	380	457
Factories	3,487	2,648	567	1,252	802	775	698	373
Other (b)	4,761	3,564	1,753	804	807	1,089	456	1,212
Educational & Health	5,778	8,615	1,439	1,212	1,097	1,395	3,152	2,971
All Other (c)	2,589	3,237	368	971	736	1,346	500	655
Total	19,416	20,256	4,753	4,749	3,734	5,668	5,186	5,668
UNDER CONSTRUCTION AT END OF PERIOD (£'000)								
Business Premises -								
Hotels etc. & Shops	3,958	5,200	3,954	3,958	4,960	4,224	4,642	5,200
Factories	3,371	5,143	3,748	3,371	3,199	2,871	4,560	5,143
Other (b)	5,020	5,555	2,517	5,020	5,273	5,047	5,468	5,555
Educational & Health	9,892	8,036	7,943	9,892	10,114	10,274	9,806	8,036
All Other (c)	2,317	1,311	2,832	2,317	2,065	1,342	1,409	1,311
Total	24,558	25,245	20,994	24,558	25,611	23,758	25,885	25,245

(a) Includes values of attached dwellings.

(b) Includes office buildings, service stations, warehouses, communication buildings, etc.

(c) Includes defence buildings, buildings for religious and entertainment purposes, homes for aged, etc.

TABLE 4 - NEW BUILDINGS : VALUE OF WORK DONE DURING PERIOD SPECIFIED, SOUTH AUSTRALIA

Type of Building	Year Ended		Quarter Ended					
	30th June 1961	30th June 1962	31st Mar. 1961	30th June 1961	30th Sept. 1961	31st Dec. 1961	31st Mar. 1962	30th June 1962
£'000								
Houses (a)	27,676	27,794	6,467	6,509	7,241	6,330	6,036	7,563
Flats	2,073	1,423	437	476	302	327	349	445
Total Houses & Flats	29,749	29,217	6,904	6,985	7,543	6,657	6,385	8,008
Business Premises -								
Hotels, Boarding Houses, etc.	695	895	82	103	294	294	146	161
Shops	2,516	3,364	799	748	1,132	788	789	655
Factories	4,069	2,780	1,105	1,314	715	500	730	835
Office Premises	2,272	3,579	528	556	601	931	970	1,077
Other (b)	2,397	1,760	539	563	455	287	377	641
Educational	3,958	5,063	1,034	1,331	1,593	1,298	979	1,193
Religious	557	423	175	138	160	102	92	69
Health	1,215	1,464	151	216	278	356	319	511
Entertainment & Recreation	606	598	144	206	169	224	129	76
Miscellaneous (c)	1,828	1,606	457	514	510	301	409	386
Total Other New Buildings (Excl. Houses & Flats)	20,113	21,532	5,014	5,689	5,907	5,081	4,940	5,604

(a) Excludes owner-built houses.

(b) Includes service stations, warehouses, communication buildings, etc.

(c) Includes defence buildings, homes for aged, homes for children, etc.



TABLE 5 - NEW BUILDINGS OTHER THAN DWELLINGS COMMENCED: TYPE &amp; VALUE, SOUTH AUSTRALIA

Type of Building	Year Ended				Quarter Ended											
	30th June 1961		30th June 1962		31st Mar. 1961	30th June 1961	30th Sep. 1961	31st Dec. 1961	31st Mar. 1962	30th June 1962						
	No.	£'000	No.	£'000	Number											
UP TO £25,000																
<b>Business Premises -</b>																
Hotels, Boarding Houses,etc.	14	190	19	231	-	5	6	7	2	4						
Shops	116	659	86	647	23	20	23	20	20	23						
Factories	110	1,094	89	770	30	15	24	14	20	31						
Office Premises	32	287	46	531	6	8	10	5	12	19						
Other (a)	124	1,158	120	1,241	22	26	30	18	29	43						
Educational	131	900	114	663	29	45	43	31	20	20						
Health	8	114	17	139	2	2	7	5	3	2						
Religious	53	460	34	264	14	13	13	5	6	10						
Entertainment & Recreation	54	330	39	259	15	15	11	7	11	10						
Miscellaneous (b)	51	487	67	606	9	14	13	18	20	16						
Total	693	5,679	631	5,351	150	163	180	130	143	178						
OVER £25,000																
<b>Business Premises -</b>																
Hotels, Boarding Houses,etc.	4	450	10	666	1	2	3	1	1	5						
Shops	10	3,518	23	1,893	5	1	10	1	3	9						
Factories	32	2,714	26	3,637	11	9	5	4	9	8						
Office Premises	14	4,274	8	1,355	1	5	4	1	2	1						
Other (a)	21	910	15	963	4	5	3	1	3	8						
Educational	36	4,296	40	5,621	12	6	8	3	15	14						
Health.	4	2,168	5	419	-	2	2	1	2	-						
Religious	3	115(			2	-	-	1	-	3						
Entertainment & Recreation	4	351(	6	263	-	1	1	1	-	-						
Miscellaneous (b)	15	1,092	15	770	5	1	3	4	4	4						
Total	143	19,888	148	15,587	41	32	39	18	39	52						

(a) Includes service stations, warehouses, communication buildings, etc.  
(b) Includes defence buildings, homes for aged, homes for children, etc.

TABLE 6 - BUILDING EMPLOYMENT (a), SOUTH AUSTRALIA

Classification	Number of persons engaged on days specified							
	16th Dec. 1959	14th Dec. 1960	30th Mar. 1961	30th June 1961	'29th Sept. 1961	20th Dec. 1961	30th Mar. 1962	29th June 1962
Contractors	686	683	669	664	648	584	618	633
Sub-contractors	2,664	2,842	2,364	2,257	2,320	2,292	2,263	2,411
Wage Earners	9,767	10,556	9,868	9,515	9,415	9,158	9,073	9,302
Carpenters	3,638	3,796	3,438	3,332	3,304	3,374	3,267	3,330
Bricklayers	2,103	2,282	2,000	1,905	1,914	1,933	2,002	2,076
Painters	1,155	1,266	1,147	1,093	1,115	1,138	989	1,064
Electricians	636	783	659	646	647	627	581	626
Plumbers	1,081	1,201	1,144	1,110	1,125	1,009	1,033	1,085
Builders' Labourers	2,190	2,250	2,031	2,018	1,989	1,837	1,981	1,891
Other	2,314	2,503	2,482	2,312	2,289	2,116	2,101	2,274
Total	13,117	14,081	12,901	12,416	12,383	12,034	11,954	12,346

(a) Covers all contractors and sub-contractors and employees of contractors, sub-contractors, and Government instrumentalities, who on the day specified were actually engaged on the construction, alteration, repair, and maintenance of buildings, but excludes persons working on owner-built houses or for contractors or sub-contractors who undertake only alterations, additions, repairs, and maintenance. Persons "actually engaged" include those temporarily laid off because of weather. Some duplication may occur as a result of frequent movement between jobs or because some persons (such as electricians) may work on several jobs which are under construction simultaneously.



TABLE 7 - NEW DWELLINGS COMPLETED (a) : LOCAL GOVERNMENT AREAS, SOUTH AUSTRALIA

Local Government Area	Year Ended		Quarter Ended					
	30th June 1961	30th June 1962	30th Mar. 1961	30th June 1961	31st Sep. 1961	31st Dec. 1961	31st Mar. 1962	30th June 1962
<b>Metropolitan -</b>								
Adelaide	37	12	17	8	1	-	6	5
Brighton	220	168	35	40	55	47	31	35
Burnside	325	296	84	86	88	85	74	49
Campbelltown	732	589	172	182	135	164	105	185
Colonel Light Gardens	1	-	-	1	-	-	-	-
Enfield	966	1,033	256	232	303	301	166	263
Glenelg	85	52	25	19	16	11	11	14
Henley and Grange	301	204	100	20	41	56	32	75
Hindmarsh	22	36	4	13	10	13	7	6
Kensington & Norwood	16	27	3	2	9	8	9	1
Marion	822	558	183	154	141	151	120	146
Mitcham	537	477	110	117	115	129	106	127
Payneham	190	95	40	47	26	25	22	22
Port Adelaide	319	259	98	125	80	85	37	57
Prospect	53	22	6	17	7	5	3	7
St. Peters	23	12	9	4	3	4	3	2
Thebarton	7	3	-	1	2	-	1	-
Unley	146	88	28	25	25	19	15	29
Walkerville	21	9	5	7	3	3	-	3
West Torrens	507	403	111	136	105	124	84	90
Woodville	495	438	97	157	104	110	82	142
Total	5,825	4,781	1,383	1,393	1,269	1,340	914	1,258
<b>Country -</b>								
Angaston	36	30	13	10	4	12	6	8
Berri	22	22	7	3	5	7	3	7
East Torrens	30	26	6	10	8	5	7	6
Encounter Bay	30	27	7	4	5	12	5	5
Gawler	73	41	12	10	6	17	8	10
Kadina Corp'n	20	10	7	4	-	6	1	3
Loxton	29	32	3	11	8	8	7	9
Meadows	33	38	7	9	9	10	7	12
Millicent	79	65	23	20	18	15	13	19
Mt. Barker	27	27	9	9	5	10	4	8
Mt. Gambier Corp'n	175	159	45	32	43	53	33	30
Mt. Gambier D.C.	12	6	2	2	1	2	1	2
Munno Para	30	157	13	19	15	9	42	91
Murray Bridge	52	40	10	12	2	19	10	9
Naracoorte Corp'n	41	28	8	8	8	9	4	7
Noarlunga	169	388	43	54	48	99	92	149
Onkaparinga	31	34	8	8	12	10	6	6
Penola	27	15	12	4	3	4	2	6
Pirie D.C.	16	3	-	1	1	2	-	-
Pt. Augusta	100	65	26	28	23	12	15	15
Pt. Elliot	21	23	3	7	4	9	6	4
Pt. Lincoln Corp'n	44	54	6	14	14	17	12	11
Pt. Pirie Corp'n	29	17	8	3	2	7	2	6
Renmark	37	32	8	10	6	9	7	10
Salisbury	1,688	1,786	253	447	374	537	314	561
Stirling	52	58	10	18	12	15	11	20
Tatiara	34	41	10	7	10	16	8	7
Teatree Gully	408	661	84	104	143	157	154	207
Victor Harbor	24	27	6	5	7	11	5	4
Whyalla City Comm.	457	455	82	131	127	106	124	98
Willunga	26	48	5	7	11	19	13	5
Other Country	622	561	127	167	129	151	137	144
Total	4,474	4,976	863	1,178	1,063	1,375	1,059	1,479
Total State	10,299	9,757	2,246	2,571	2,332	2,715	1,973	2,737

(a) Dwelling Units - houses and flats plus dwellings attached to "Other New Buildings"

